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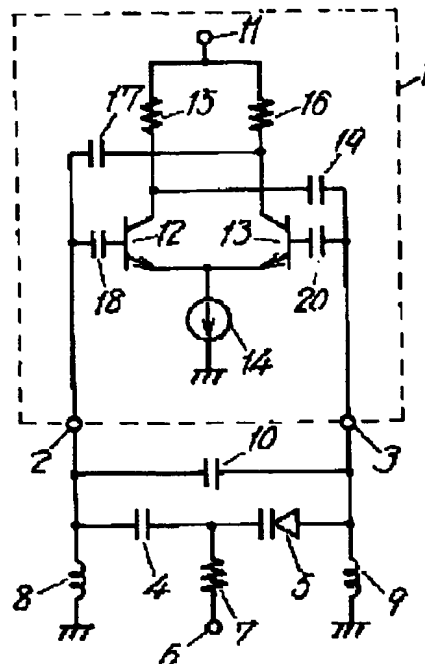
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INVENTOR : FUJISHIMA AKIRA;

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TITLE : VOLTAGE CONTROLLED
OSCILLATOR



ABSTRACT : PURPOSE: To obtain a voltage controlled oscillator whose frequency control sensitivity is constant against a control voltage.

CONSTITUTION: Since a capacitor 10 is connected in parallel with a series connection circuit comprising a 1st capacitor 4 and a varactor diode 5, the frequency control sensitivity at a low frequency mainly depends on the capacitance of the 1st capacitor 4. Conversely the frequency control sensitivity at a high frequency mainly depends on the capacitance of the 2nd capacitor 10. Thus, the frequency control sensitivity is set almost independently at a low frequency and at a high frequency by selecting the capacitance of the 1st capacitor 4 and the 2nd capacitor 10 and the voltage controlled oscillator whose frequency control sensitivity is constant against a control voltage is realized.

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